

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB 03/00621

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F12/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPQ-Internal, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 249 802 B1 (RICHARDSON JOHN L ET AL) 19 June 2001 (2001-06-19) column 2, line 44 - line 49 ---	1-4
A	US 6 115 799 A (OGAWA TAKESHI) 5 September 2000 (2000-09-05) column 2, line 7 -column 3, line 11 ---	1-9
A	US 5 568 423 A (JOU EDWIN ET AL) 22 October 1996 (1996-10-22) column 2, line 3 - line 48 --- -/--	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

8 April 2003

Date of mailing of the international search report

15/04/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>BIGET P ET AL: "How smart cards can benefit from object-oriented technologies" FUTURE GENERATIONS COMPUTER SYSTEMS, ELSEVIER SCIENCE PUBLISHERS. AMSTERDAM, NL, vol. 13, no. 1, 1 July 1997 (1997-07-01), pages 75-90, XP004081711 ISSN: 0167-739X page 80, right-hand column, line 21 -page 83, left-hand column, line 7 -----</p>	1
A	<p>WO 00 36511 A (TRIERWEILER FRANZ ;BULL CP8 (FR); DIENER SEBASTIEN (FR)) 22 June 2000 (2000-06-22) page 1, line 5 -page 2, line 21 -----</p>	1,9-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/00621

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6249802	B1	19-06-2001	NONE	
US 6115799	A	05-09-2000	JP 10083342 A	31-03-1998
			US 2002194423 A1	19-12-2002
			US 6470413 B1	22-10-2002
US 5568423	A	22-10-1996	NONE	
WO 0036511	A	22-06-2000	FR 2787216 A1	16-06-2000
			EP 1055174 A1	29-11-2000
			WO 0036511 A1	22-06-2000